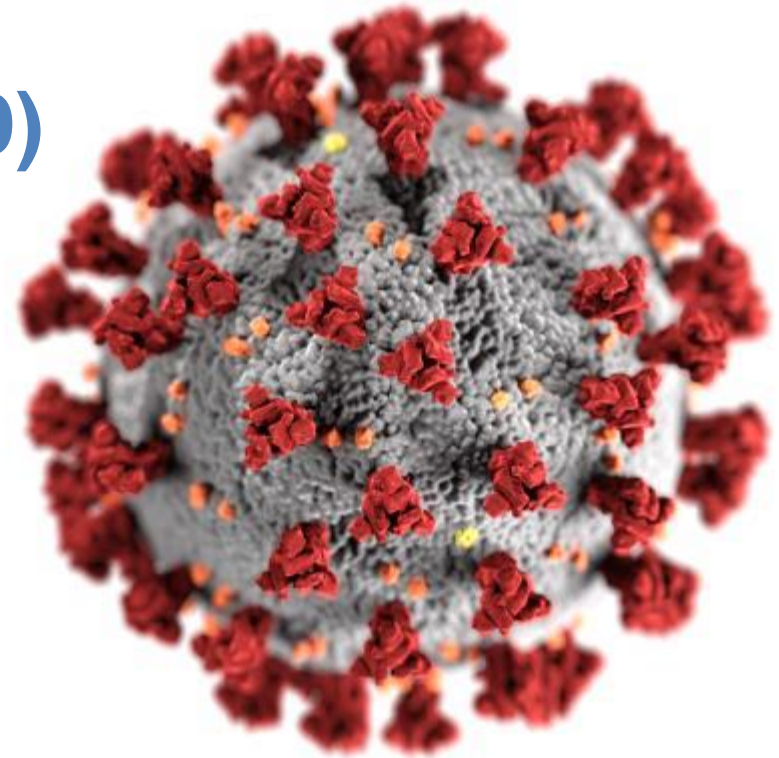


2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

August 6, 2020



We will begin in just a few moments. Thanks!



SOUTH DAKOTA DEPARTMENT OF HEALTH

This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of August 5, 2020. Please check the South Dakota Department of Health website for the most current information and guidance.

COVID.sd.gov

Agenda

- Situation Update
- Laboratory Guidance
- Infection Prevention
- Community Mitigation
- Supply Chain Management
- On-going Communications
- Q&A Session

Note: Slides and a recording of the presentations will be posted to doh.sd.gov/news/COVID19/Calls.aspx following the webinar.



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Situation Update

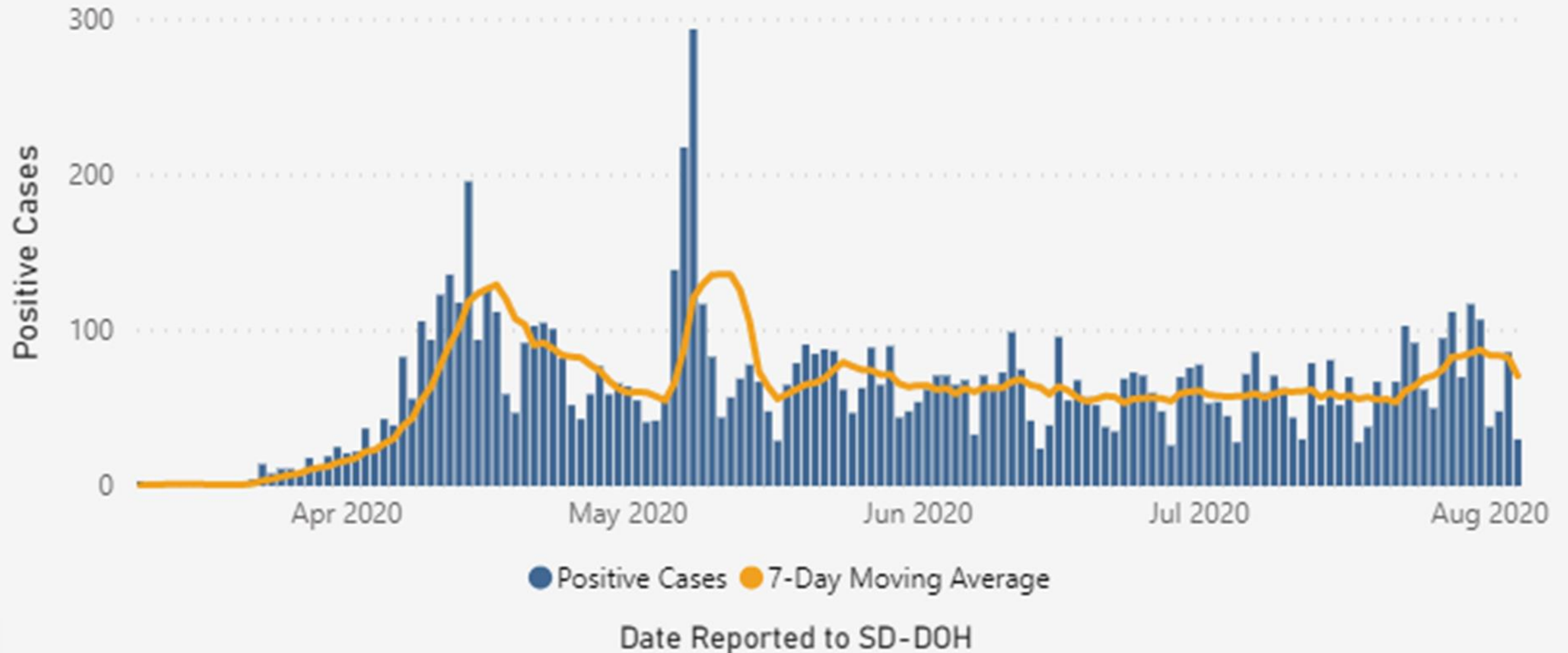
Coronavirus Situation (as of August 5, 2020)

- [International](#)
 - 18,354,342 confirmed cases
 - 696,147 deaths
- [United States](#) (50 states + DC)
 - 4,748,806 confirmed cases in U.S.
 - 156,311 deaths
- [South Dakota](#)
 - 9,168 confirmed cases in South Dakota
 - 137 deaths
 - 8,080 recovered

Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date

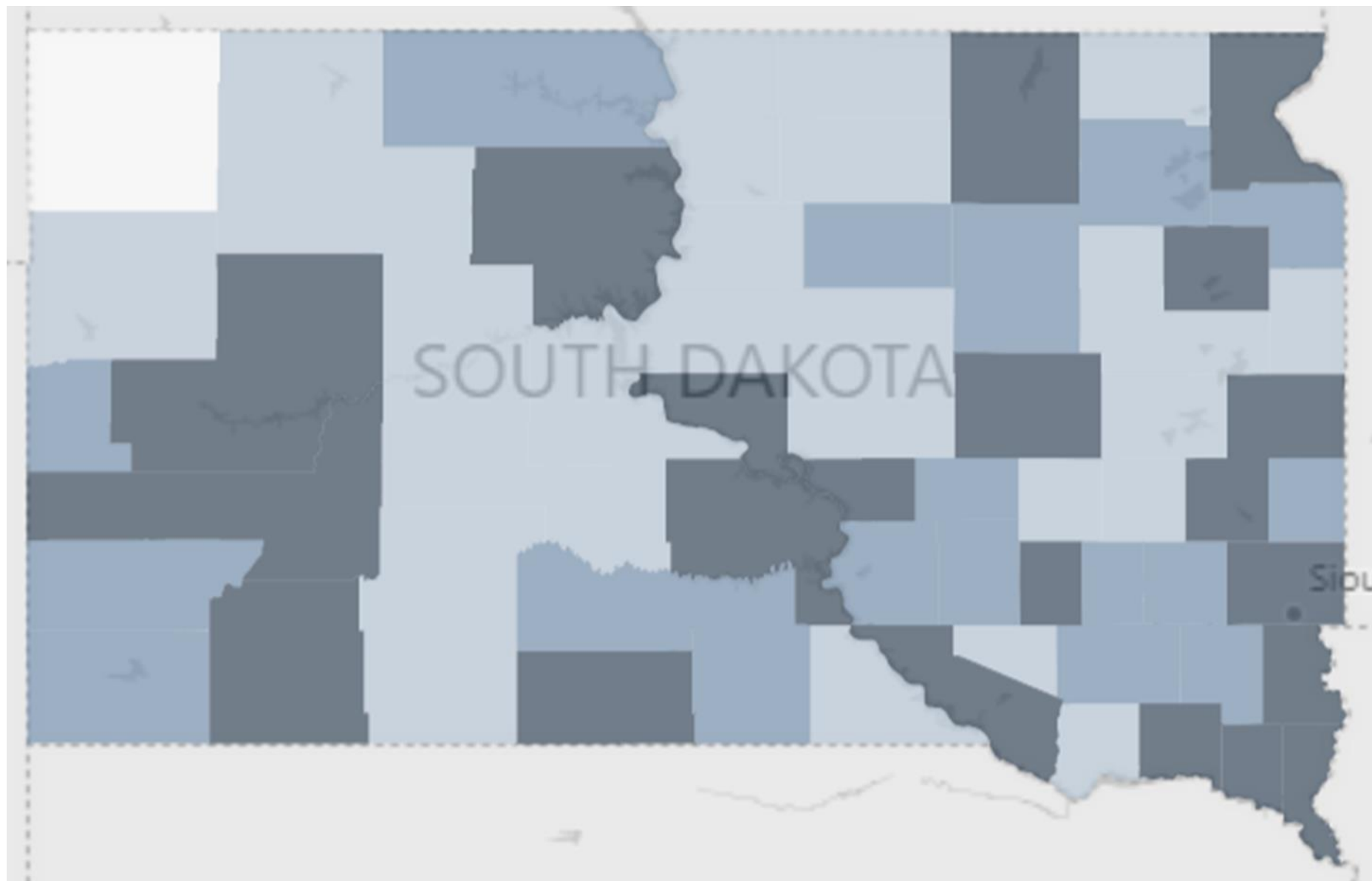
As of August 6, 2020

Positive Cases by Date Reported to SD-DOH

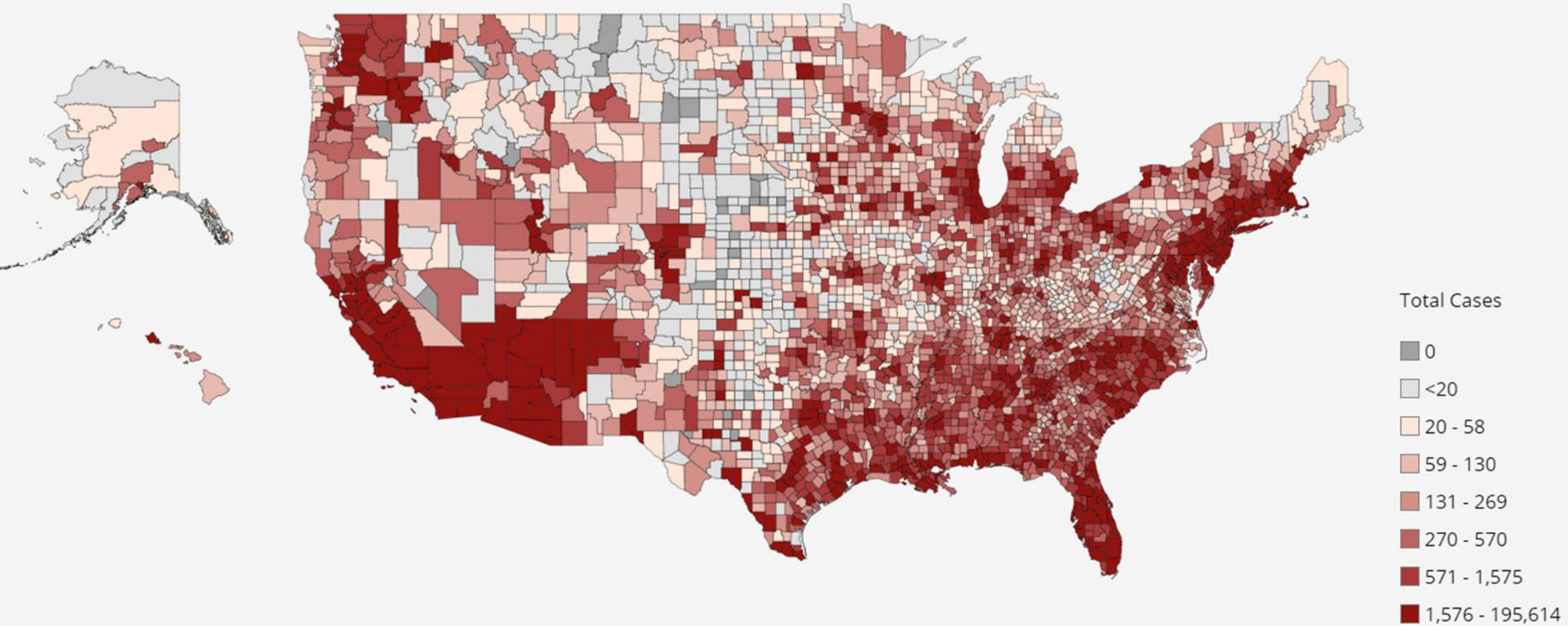


COVID-19 Cases, by County

As of August 6, 2020



United States Cases and Deaths by County



<https://www.cdc.gov/covid-data-tracker/index.html#county-map>

As of August 6, 2020

General Testing Recommendations

Medical providers are recommended to test individuals with signs and symptoms compatible with COVID-19 infection, including:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>



Quarantine Reminders

- If SD-DOH identifies you as a close contact (15 minutes or more within 6 feet of a COVID-19 case), you will be asked to quarantine for 14 days after your last exposure
- You can't test your way out of quarantine
- People who tested positive for COVID-19 do not need to quarantine or get tested again for up to 3 months **as long as they do not develop symptoms again.**
- Quarantine: stay home, watch for symptoms, and stay away from others

<https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/quarantine.html>



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Selected CDC Updates

Available at <https://www.cdc.gov/coronavirus/2019-ncov/whats-new-all.html>

- Guidance for Homeless Service Providers: <https://www.cdc.gov/coronavirus/2019-ncov/community/homeless-shelters/plan-prepare-respond.html>
- Considerations for Community-Based Organizations: <https://www.cdc.gov/coronavirus/2019-ncov/community/organizations/community-based.html>
- Toolkit for K-12 Schools: <https://www.cdc.gov/coronavirus/2019-ncov/communication/toolkits/schools.html>
- Guidance for Dental Settings: <https://www.cdc.gov/coronavirus/2019-ncov/hcp/dental-settings.html>
- When You Can Be Around Others After You Had or Likely Had COVID-19: <https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/end-home-isolation.html>
- Facepiece Respiratory Reuse Update: <https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/decontamination-reuse-respirators.html>





Laboratory Guidance

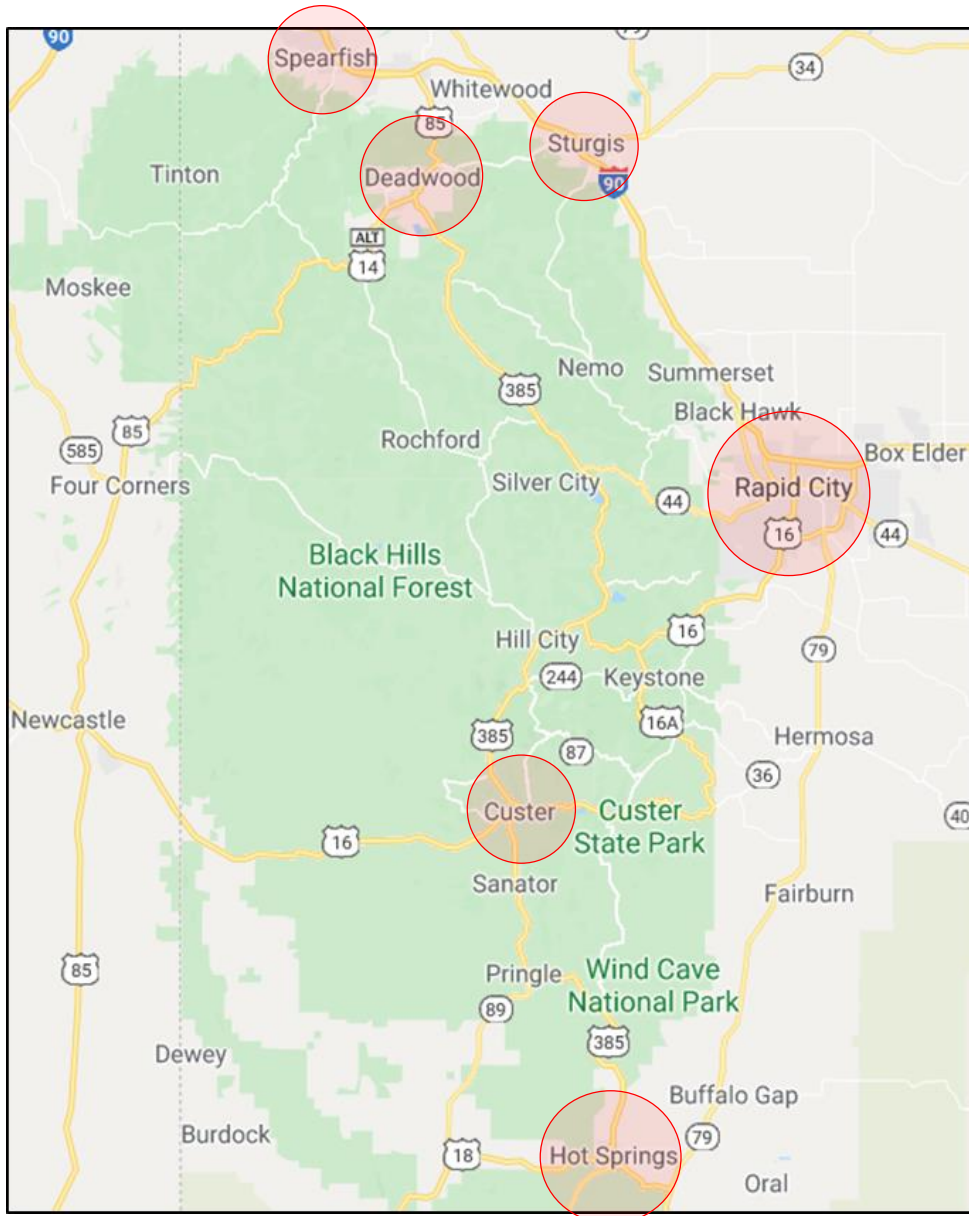
Statewide Priority Populations for SARS-CoV-2 Testing

It is a statewide priority that ALL individuals with symptoms of COVID-19 be tested for SARS-CoV-2 with the recommendation from a health care provider

- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Critical infrastructure workers in food manufacturing and agriculture
- Individuals in communal living settings like long-term care facilities
- Underinsured or uninsured individuals
- Low-income individuals or individuals unable to pay for testing
- Homeless individuals



SARS-CoV-2 Testing Support: Rally 2020



- Abbott ID Now instruments and test kits have been placed throughout the Black Hills
- Locations Include:
 - Rapid City: 6
 - Sturgis: 1
 - Lead/Deadwood: 1
 - Spearfish: 4
 - Custer: 1
 - Hot Springs: 1

Antibody Testing for SARS-CoV-2

- Target date for implementation of SARS-Cov-2 antibody testing at the SDPHL is August 2020
- [CDC](#) now recommends the use of a single antibody test if that test has a high specificity (99.5% or greater)
- CDC still recommends the use of a dual-test algorithm (orthogonal algorithm) for laboratories that use tests with specificity lower than 99.5%



Antibody Testing for SARS-CoV-2

- SDPHL will implement a single IgG test on the [Abbott Architect](#)

Abbott Architect SARS-CoV-2 IgG

Developer: Abbott

Test: Architect SARS-CoV-2 IgG

Technology: High Throughput CMLA

Target: Nucleocapsid

Antibody	Performance Measure	Estimate of Performance	95% Confidence Interval
IgG	Sensitivity (PPA)	100% (88/88)	(95.8%; 100%)
IgG	Specificity (NPA)	99.6% (1066/1070)	(99.0%; 99.9%)
IgG	PPV at prevalence = 5%	92.9%	(83.4%; 98.1%)
IgG	NPV at prevalence = 5%	100%	(99.8%; 100%)

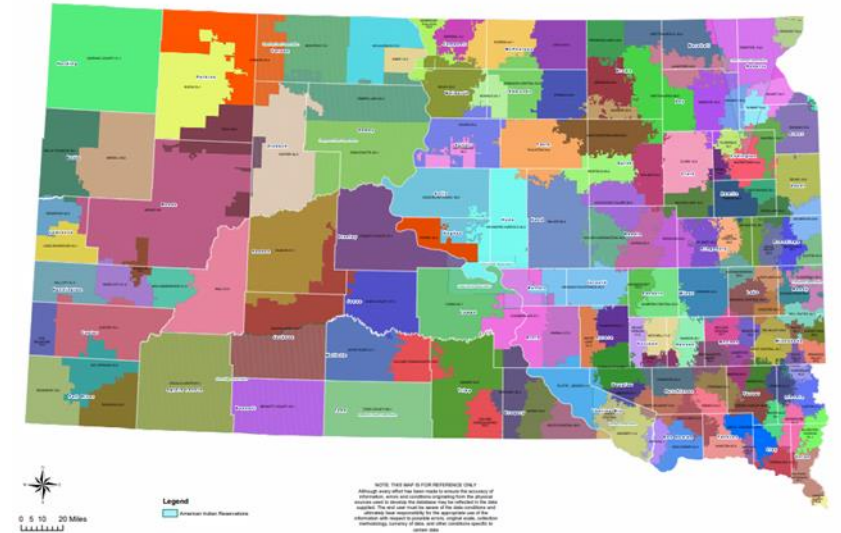


K-12 Sentinel Surveillance

- Federal partners recommend that a minimum of 2% of South Dakota's resident population be tested for SARS-CoV-2 each month
 - This is approximately 18,000 tests each month
- South Dakota has set a goal to test the equivalent of 5% of South Dakota's population each month
 - This is approximately 44,400 tests each month (but there may be duplicates)
- SDDOH is building a sentinel surveillance program for K-12 schools that will allow **monthly testing of 5% of our K-12 adult population**
 - This is approximately 1,200 tests each month

K-12 Sentinel Surveillance

- Participation in K-12 sentinel surveillance is a voluntary process but is strongly encouraged
- K-12 districts that want to participate in sentinel surveillance will enroll with the Department of Education
- Enrollment information will be used to distribute educational materials, guidance documents, and specimen collection supplies to participating school districts



K-12 Sentinel Surveillance

1. CDC-based guidance about K-12 sentinel surveillance
2. Personal protective equipment and guidance on how to use it
3. Specimen collection supplies and guidance on how to use them
4. Laboratory testing support at the state public health laboratory
5. Follow-up services such as case investigation and contact tracing

FDA EUA Updates

- Since the beginning of the COVID-19 response, FDA has issued Emergency Use Authorization for the following:
 - 131: Molecular Diagnostic Tests for SARS-CoV-2
 - 35: Molecular-Based Laboratory Developed Tests for SARS-CoV-2
 - 35: Serology Tests for SARS-CoV-2
 - 2: Antigen Diagnostic Tests for SARS-CoV-2
- There is growing interest nationwide in at-home tests and saliva tests for SARS-CoV-2.
- This week, SDDOH will provide a brief overview of the [Everlywell COVID-19 Home Collection Kit](#)



Everlywell COVID-19 Home Collection Kit

Everlywell COVID-19 Test Home Collection Kit

- For use by individuals 18 years of age or older at home
- Individuals must first complete a COVID-19 telehealth questionnaire designed by [Physicians Wellness Network](#)
- Questionnaire results are used to determine if testing is appropriate
- Requires self-collection a nasal swab specimen at home



Reimbursable with healthcare insurance. No surprise bills. [Learn more >](#)

COVID-19 Test Home Collection Kit \$109

[Check Eligibility](#)

Everlywell COVID-19 TeleHealth Questionnaire

How would you rate your symptoms right now?

☐ No symptoms

I am not having any symptoms, or I am having symptoms that are not listed in the other two choices.

☐ Mild symptoms

- I have a fever between 100.4°F and 102°F, am feeling feverish, or feel warm to the touch.
- I am having flu-like symptoms (chills, runny or stuffy nose, whole body aches, a headache, and/or feeling tired).
- I have new loss of taste or smell.
- I have a new or worsening cough.
- I have a new or worsening sore throat.
- I am having shortness of breath that is not limiting my ability to speak.

☐ Severe symptoms

- I have a high fever of greater than 102°F, OR I have a high fever that has lasted longer than 48 hours.

Please describe your exposure to Coronavirus.

☐ No exposure

I have not been exposed to COVID-19.

☐ Potential exposure

I live or work in a place where people reside, meet or gather in close proximity (office buildings, schools, healthcare facilities, etc.).

☐ Suspected exposure

I have been in close proximity (within 6 ft) to someone who is sick but not diagnosed with COVID-19.

☐ Known exposure

I have been in close proximity (within 6 ft) to someone who has been diagnosed or presumed to have COVID-19.



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Everlywell COVID-19 Questionnaire Results

You are not eligible for testing at this time.



Due to the scarcity of COVID-19 tests, we are required to prioritize tests for individuals with the most urgent need, based on guidelines that have been issued by the [Centers for Disease Control & Prevention \(CDC\)](#).

Should you begin to experience symptoms, it is very important to stay home and limit your interaction with others in your household and in public.

Contact your healthcare provider if your symptoms get worse or you experience any new symptoms.

Seek medical attention immediately if you experience any of the following:

No symptoms/No Exposure

We recommend that you seek medical attention now.



Based on your symptoms, we recommend that you seek testing from your healthcare provider immediately rather than wait for an at-home collection test. Call ahead before visiting your healthcare provider. This will help prevent other people from getting infected or being exposed.

- If you have a medical appointment, let the healthcare provider know that you may have COVID-19.
- Put on a facemask, if available, before you enter the facility to limit exposure to others.

If at any time you feel like you are having a medical emergency, please call 9-1-1.

Severe Symptoms

Secure Checkout

1. Shipping Address

First Name Joe	Last Name Smith
Address 1234 Apple St	Address Line 2 (optional) Apt 3, floor, etc
City Austin	ZIP Code 78701
State Select State	Email joe@email.com
<small>(We are not permitted to test in NJ, NY, or RI)</small>	
Phone (000) 000-0000	

2. Shipping Options

☐ Arrives by Monday (+\$15) ☒ Free Shipping

All Other Symptom/Exposure Histories

Everlywell COVID-19 Test FAQs

COVID-19 Test Home Collection Kit

Sort by Default



- What does the COVID-19 Test Home Collection Kit measure?
- How quickly will I get my COVID-19 Test Home Collection Kit and results?
- Can I use my COVID-19 Test Home Collection Kit results for travel purposes?
- How do I collect my COVID-19 Test Home Collection Kit sample from home?
- How can I track the status of my COVID-19 Test Home Collection Kit order and results?
- Additional COVID-19 Test Home Collection Kits FAQs
- General Coronavirus Information

FAQs

In this article

- What does this test measure?
- How quickly will I get my collection kit and results?
- Can I use my COVID-19 Test Home Collection Kit results for travel purposes?
- How do I collect my sample from home?
- How can I track the status of my COVID-19 Test Home Collection Kit order and results?
- Is your collection kit authorized by the U.S. Food & Drug Administration (FDA)?
- Is this collection kit approved by the Centers for Disease Control & Prevention (CDC)?
- Is your test kit available by prescription only?
- How many kits will be available at launch?
- When can I purchase the Everlywell COVID-19 Test Home Collection Kit?
- Will the collection kits be available in all 50 states?
- Will collection kits be available internationally?
- Where are the collection kits made?
- Is the nasal swab in your kit safe and easy to use?
- How do you decide who gets tested?
- What happens if I don't collect my sample correctly?
- What role do medical providers have in your testing?
- Is it safe to send COVID-19 samples in the mail?
- Will the packages be marked so the postal workers know that they're handling it?
- What about sample stability?
- Do you have any peer-reviewed studies about COVID-19 testing?
- What will my results tell me?
- Who will have access to my results?
- How is the cost of the Everlywell COVID-19 Test Home Collection Kit determined?
- Will my COVID-19 Test Home Collection Kit be covered by insurance?

Everlywell provides additional [educational information](#) about their COVID-19 home collection kit and testing

*[FDA EUA summary](#) for the Everlywell collection kit provides additional information about the kit, inclusion/exclusion criteria, and performance



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Infection Control

Guidance for Dental Settings

(Updated Aug. 4, 2020)

- In areas with moderate to substantial community transmission, during patient encounters with patients not suspected of SARS-CoV-2 infection, CDC recommends that dental healthcare personnel (DHCP):
 - Wear eye protection in addition to their facemask to ensure the eyes, nose, and mouth are all protected from exposure to respiratory secretions during patient care encounters, including those where splashes and sprays are not anticipated.
 - Use an N95 respirator or a respirator that offers an equivalent or higher level of protection during aerosol generating procedures.

Links

- [Interim U.S. Guidance for Risk Assessment and Work Restrictions for Healthcare Personnel with Potential Exposure to COVID-19](#)
- [Discontinuation of Transmission-Based Precautions and Disposition of Patients with COVID-19 in Healthcare Settings](#)
- [Criteria for Return to Work for Healthcare Personnel with SARS-CoV-2 Infection](#)



Community Mitigation

SD Overview	Demographics	Hospital Capacity	Trends	Tables
New Cases Today	Active Cases	Recovered Cases		
89	951	8,080		
Currently Hospitalized	Ever Hospitalized	Deaths		
43	856	137		
Total Cases	Total Persons Tested	Total Tests		
9,168	116,374	145,555		
% Progress (June Goal: 44,233 Tests)	% Progress (July Goal: 44,233 Tests)	% Progress (August Goal: 44,233 Tests)		
97%	106%	9%		

Dashboard

County

All

Test Positivity Rate,
Last 1 Day

7.5%

Test Positivity Rate,
Last 7 Days

7.0%

Test Positivity Rate,
Last 14 Days

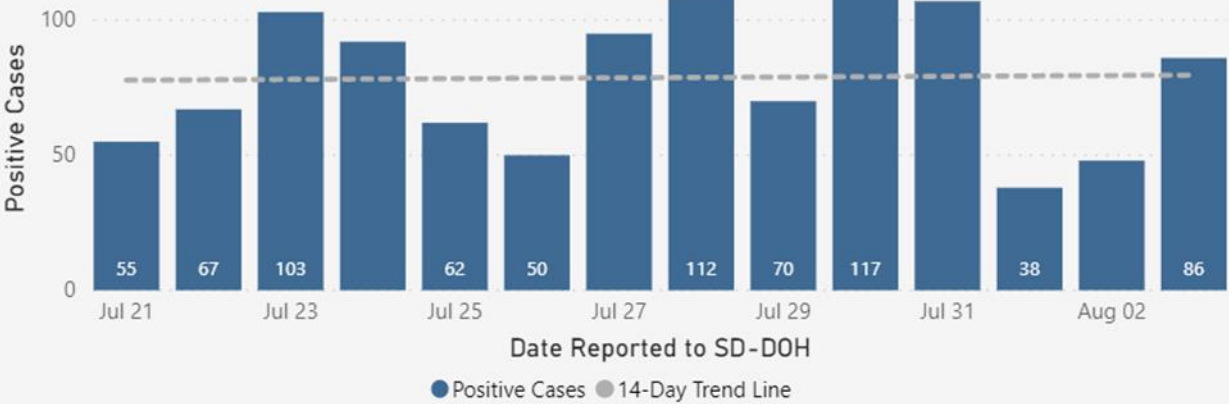
6.6%

Test Positivity Rate,
Cumulative

7.3%

Test Positivity Rate: This rate is equal to the number of Positive Tests divided by Total Tests, within specified period of time.

14-Day Trend of Positive Cases by Date Reported to SD-DOH





Supply Chain Management

PPE Request Procedure

All requests for PPE from DOH must be:

- Emailed to COVIDResourceRequests@state.sd.us
- Faxed to **605.773.5942**, or
- Called in to **605.773.3048** to ensure prioritization and coordination of requests.
- Do not duplicate your request by using all three means of communication.
- Any requests received through any other email or number will all be directed to email COVIDResourceRequests@state.sd.us OR call **605.773.3048** and requesting entities must provide information regarding their current facility status.



On-going Communication

Helpful Information Sources

COVID.sd.gov

coronavirus.gov

SD COVID-19 Help Line: 800-997-2880

SOUTH DAKOTA
COVID-19 INFORMATION LINE
Questions about COVID-19? We're here to help.
PLEASE CALL **1-800-997-2880**



Communications

- SD-HAN: sdhan.sd.gov
- [Epi Listserv](#)
- [Lab Listserv](#)
- [HAI Listserv](#)
- [OLC Listserv](#)

Visit **COVID.sd.gov** to subscribe

SOUTH DAKOTA
COVID-19 INFORMATION LINE
Questions about COVID-19? We're here to help.
PLEASE CALL **1-800-997-2880**



Questions?

COVID Helpline: **800-997-2880**

Epidemiology: **605-773-3737**

Laboratory: **605-773-3368**

COVID.sd.gov

COVIDSD@state.sd.us

Slides: doh.sd.gov/news/COVID19/Calls.aspx



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